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PATENT
Attorney Docket No. ASX-063

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Tracy et al. GROUP NO.: 1753
SERIAL NO.: 10/642,505 EXAMINER: Not yet assigned.
FILING DATE: August 18, 2003
TITLE: CONTROL SYSTEM FOR A SPUTTERING SYSTEM

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 27th day of August, 2004.

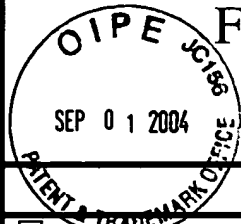

Olivia J. Mannion

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith are: Transmittal Form (1 page); Supplemental Information Disclosure Statement (2 pages); Form PTO-1449 (1 page); References Labeled C1-C3; and a return-receipt postcard.

TRANSMITTAL FORM



Application Serial Number	10/642,505
Filing Date	August 18, 2003
First Named Inventor	Tracy
Group Art Unit	1753
Examiner Name	Not yet assigned.
Attorney Docket No.	ASX-063
Patent No.	Not applicable
Issue Date	Not applicable

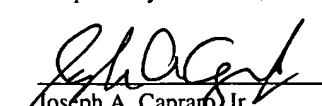
ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form <input type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____] <input type="checkbox"/> Petition for Extension of Time <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copy of IDS Citations Labeled C1-C3 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553) <input type="checkbox"/> Formal Drawing(s) <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> CD(s) for large table or computer program <input type="checkbox"/> Amendment After Allowance <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <input type="checkbox"/> Appeal Brief (in triplicate) <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <input type="checkbox"/> Additional Enclosure(s) (please identify below)
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CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator
Proskauer Rose LLP
One International Place
14th Floor
Boston, MA 02110-2600
Tel. No.: (617) 526-9600
Fax No.: (617) 526-9899

SIGNATURE BLOCK

Respectfully submitted,

 Date: August 27, 2004
 Reg. No.: 36,471
 Tel. No.: (617) 526-9800
 Fax No.: (617) 526-9899
 Joseph A. Capraro Jr.
 Attorney for the Applicant(s)
 Proskauer Rose LLP
 One International Place
 14th Floor
 Boston, MA 02110-2600



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Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. In accordance with the U.S. Patent Office's partial waiver of the requirement under 37 C.F.R. 1.98(a)(2)(i), only copies of the foreign patent documents and non-patent publications are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R., this statement is being filed (check one)

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

- ☐ (3) after the mailing date of a final action or notice of allowance but before the payment of the issue fee, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

STATEMENT

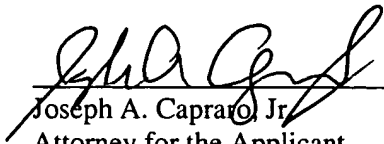
As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that **[check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]**:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

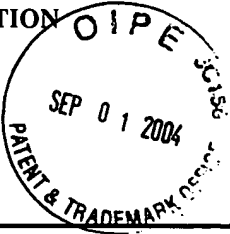
Respectfully submitted,

Date: August 27, 2004
Reg. No.: 36,471

Tel. No.: (617) 526-9800
Fax No. (617) 526-9899



Joseph A. Capraro, Jr.
Attorney for the Applicant
Proskauer Rose LLP
One International Place
14th Floor
Boston, MA 02110

FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				ATTY DOCKET NO.: ASX-063 APPLICANT: Tracy SERIAL NO.: 10/642,505 FILING DATE: August 18, 2003 GROUP: 1753				
 U.S. PATENT DOCUMENTS								
EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
FOREIGN PATENT DOCUMENTS								
EXAM. INIT.	DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
OTHER ART, JOURNAL ARTICLES, ETC.								
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)							
	C1	Cobine, <u>Gaseous Conductors, Theory and Engineering Applications</u> , (1958) Chapter 8, "Glow Discharges," pp. 205-289						
	C2	Chapman, <u>Glow Discharge Processes, Sputtering and Plasma Etching</u> , (1980) Chapter 2 "Gas Phase Collision Processes," pp. 21-49.						
	C3	Boxman et al, <u>Handbook of Vacuum Arc Science and Technology, Fundamentals and Applications</u> , (1995) "Foreword", pp. vii-viii, "Preface" pp. ix-xv, and Chapter 2, "Arc Ignition," pp. 28-72.						
EXAMINER				DATE CONSIDERED				